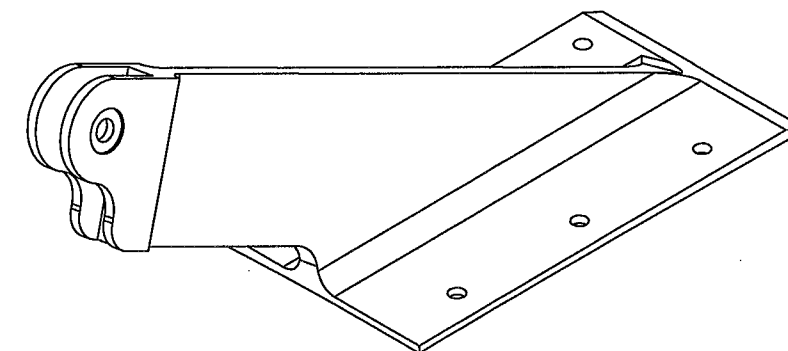


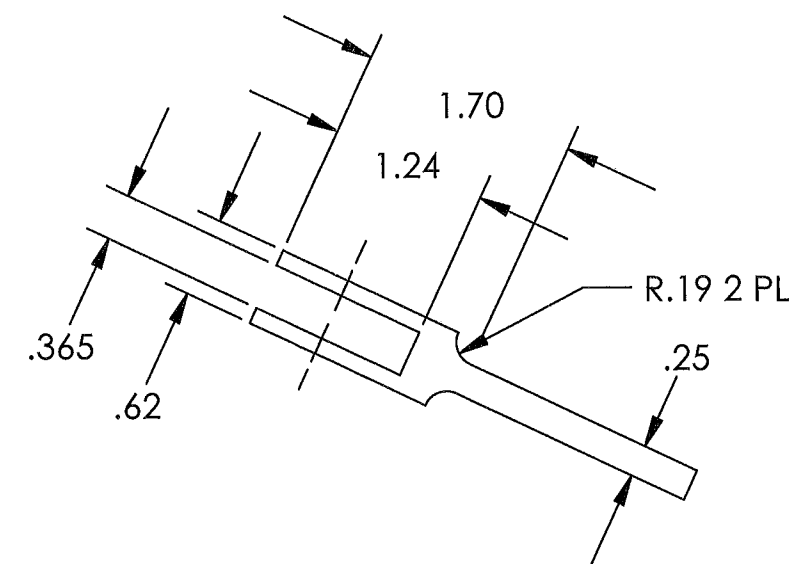
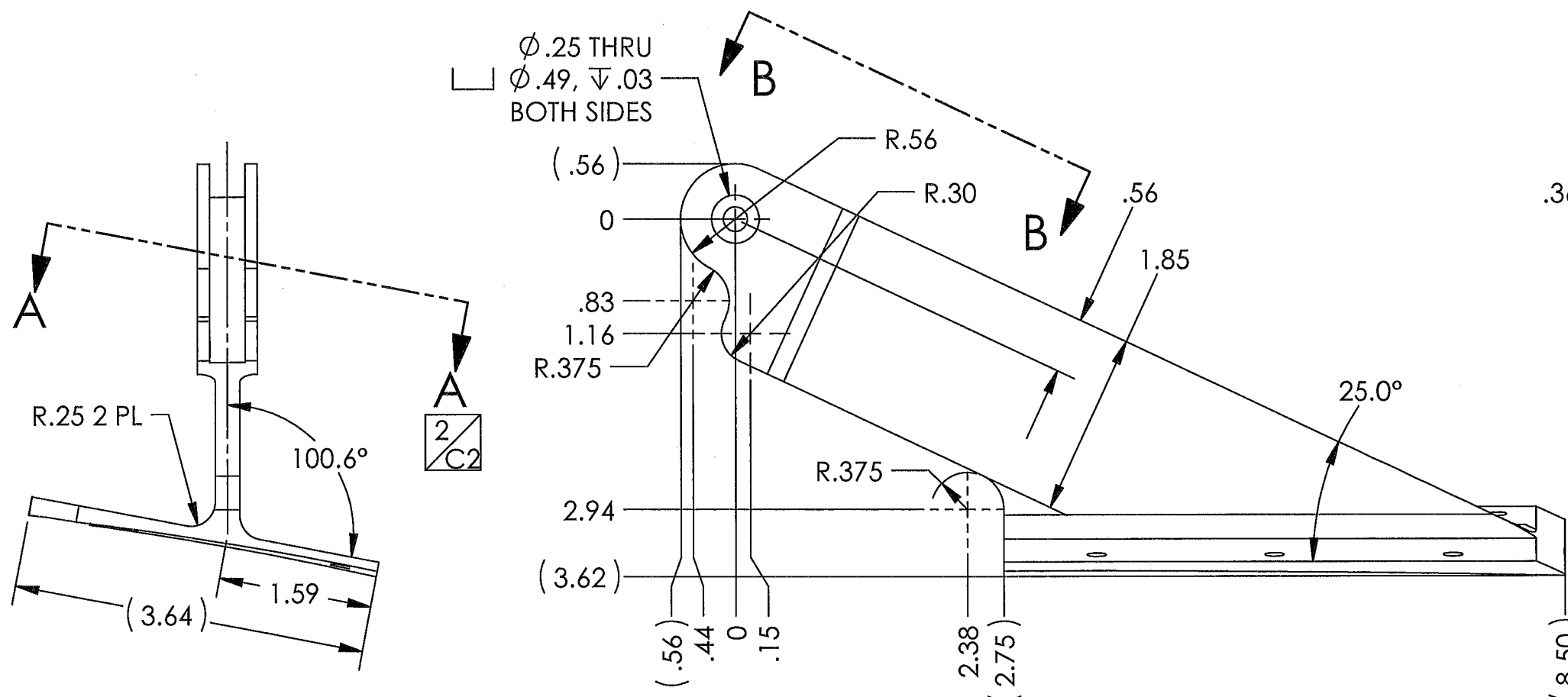
| REVISIONS | | | |
|-----------|-----------------------------|----------|----------|
| REV. | DESCRIPTION | DATE | APPROVED |
| | LAST PROTOTYPE RELEASE: PR1 | | |
| N/C | INITIAL RELEASE | 06-30-10 | P. BRAVO |
| A | INCORPORATED ECN 06312 | 07-16-19 | P. BRAVO |

NOTES:














- 1 MATERIAL: ALUMINUM 7075-T651 PER AMS-QQ-A-250/12.
- 2 FINISH: ANODIZE PER MIL STD-A-8625, TYPE III, CLASS 2, COLOR BLACK; PRETREAT PRC-DESOTO PR-148 ADHESION PROMOTER; PRIME IAW MIL-P-23377J TYPE I CLASS N.
- 3 PART DIMENSIONS CONTROLLED BY CAD MODEL
FILE NAME: 647.9610 NC LH FWD WIPER DEFLECTOR.SLDPR T, LAST MODIFIED 06/30/10.
- 4 PART DIMENSIONS CONTROLLED BY CAD MODEL
FILE NAME: 647.9611 NC LH WIPER DEFLECTOR.SLDPR T, LAST MODIFIED 06/30/10.
- 5 PART DIMENSIONS CONTROLLED BY CAD MODEL
FILE NAME: 647.9612 NC RH FWD WIPER DEFLECTOR.SLDPR T, LAST MODIFIED 06/30/10.
- 6 PART DIMENSIONS CONTROLLED BY CAD MODEL
FILE NAME: 647.9613 NC RH WIPER DEFLECTOR.SLDPR T, LAST MODIFIED 06/30/10.
7. DEBURR AND BREAK ALL SHARP EDGES.
8. IDENTIFY IAW MPP-120. LASER ETCH P/N REVISION, 12 PT. CENTURY GOTHIC.



647.9610 SHOWN
647.9612 OPPOSITE

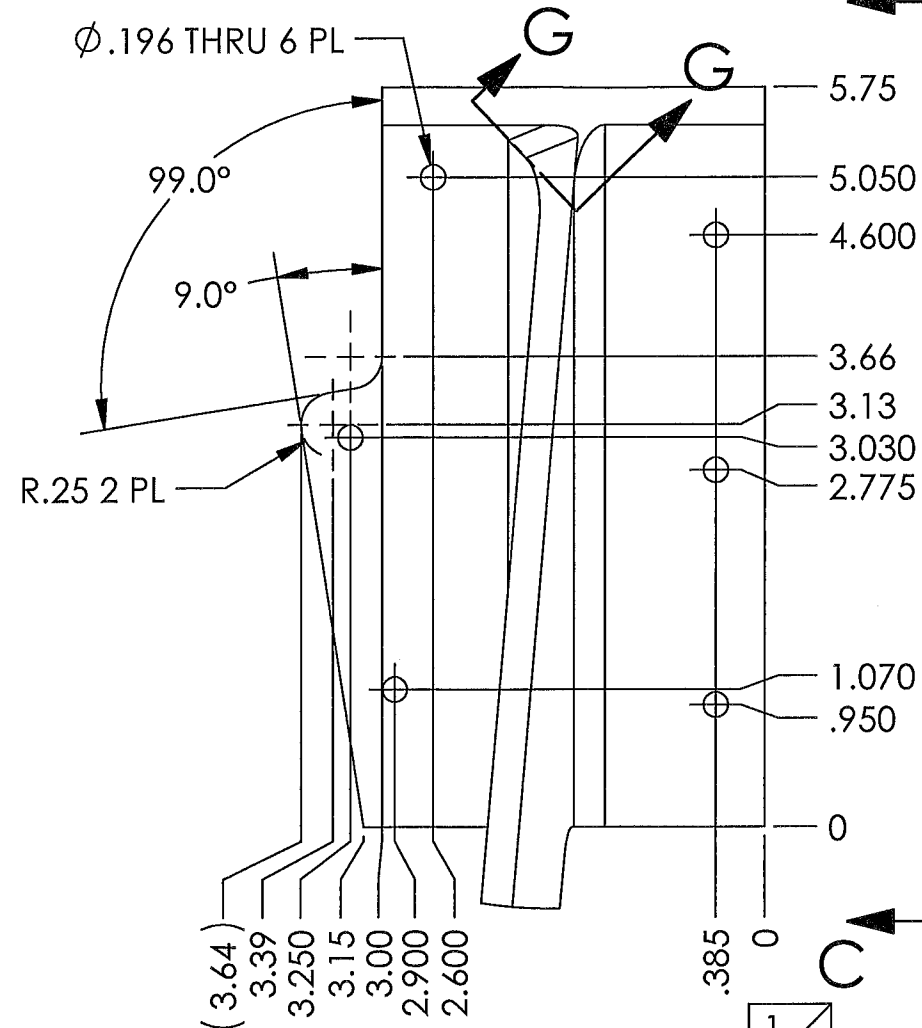


SECTION B-B

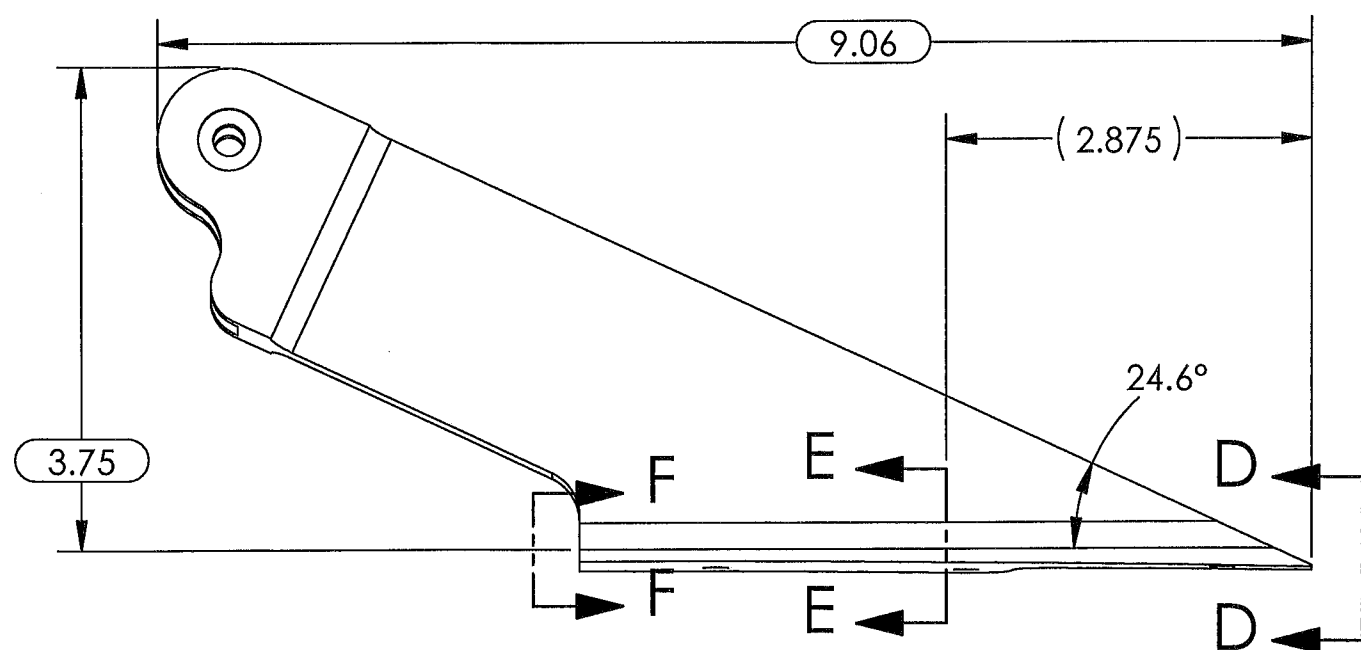
| | | | | | | |
|---------------|--------|---|------------------------|--|---|---|
| | | 647.9613 | RH WIPER DEFLECTOR |  |  |  |
| | | 647.9612 | RH FWD WIPER DEFLECTOR |  |  |  |
| | | 647.9611 | LH WIPER DEFLECTOR |  |  |  |
| | | 647.9610 | LH FWD WIPER DEFLECTOR |  |  |  |
| | FIND # | PART # | DESCRIPTION | MAT'L | SPEC. | |
| QTY | | | PARTS LIST | | | |
| NEXT ASSY (S) | | ORIGINAL DATE (MO-DA-YR) 06-22-10 | |  3030 ENTERPRISE C SUITE A VISTA, CA. 92081 (760)-724-5300 APICAL INDUSTRIES, INC. dba DART AEROSPACE | | |
| 647.8900 | | DRAWN BY J. JACKSON | | | | |
| | | CHECKER P. BRAVO | | | | |
| | | DRAWING APPROVAL P. BRAVO | | | | |
| | | 06-30-10 | | | | |
| | | CONTRACT No. | | | | |
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| | | UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.03 3 PLACE DECIMALS ±.010 ANGLES ±.5° | | | | |
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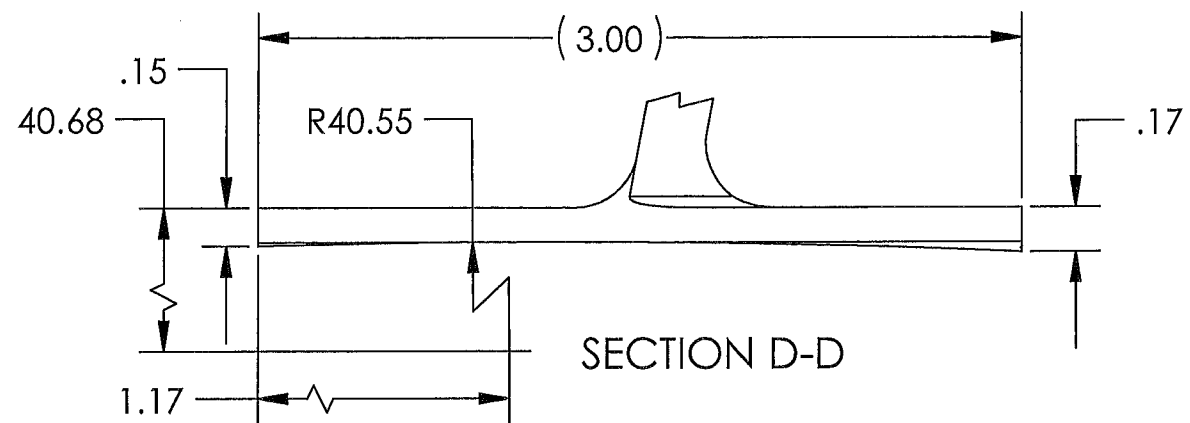
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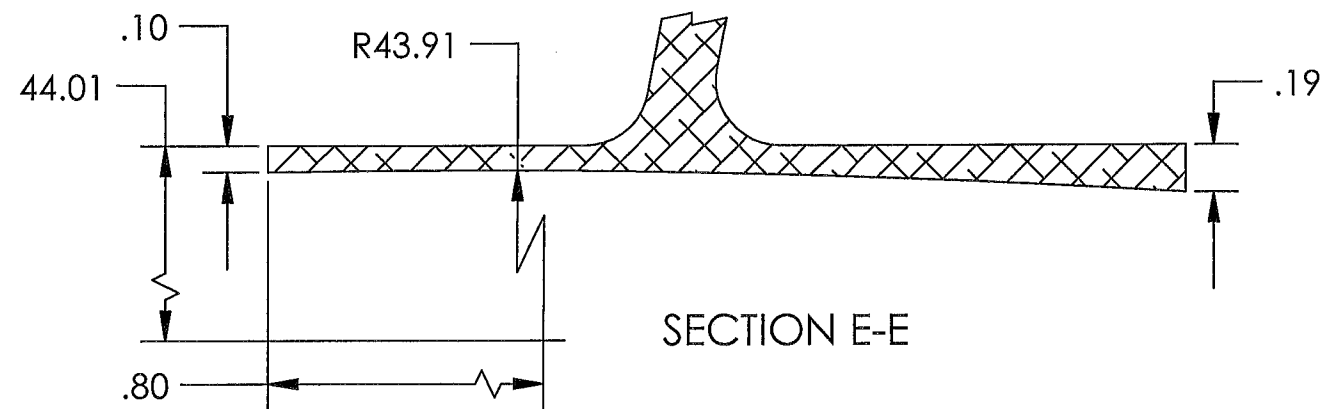
SECTION A-A



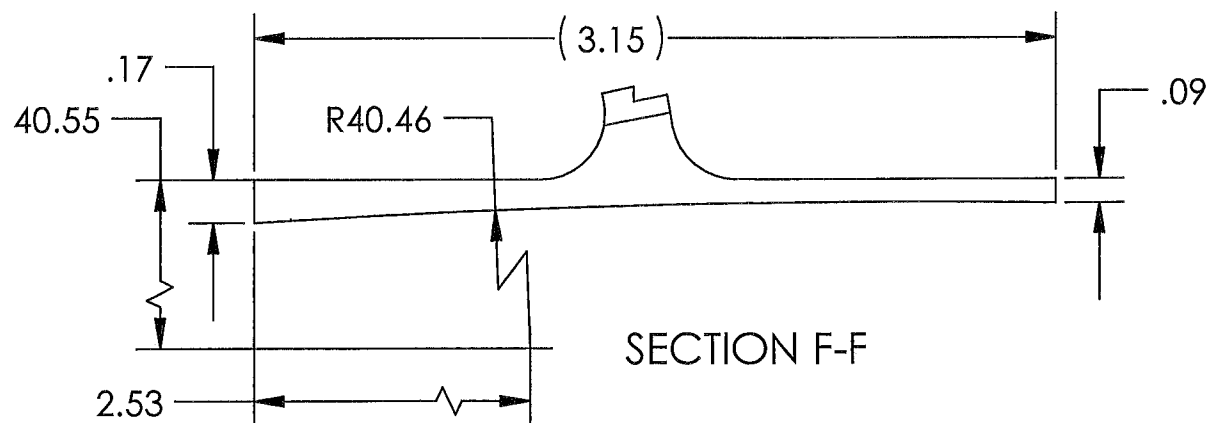
SECTION C-C
ROTATED FOR CLARITY



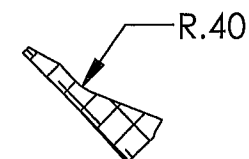
SECTION D-D



SECTION E-E



SECTION F-F



SECTION G-G

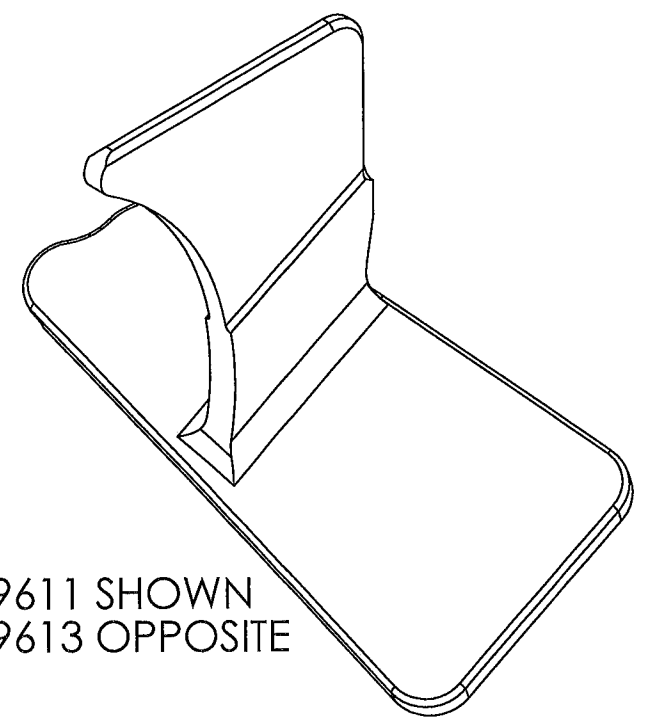
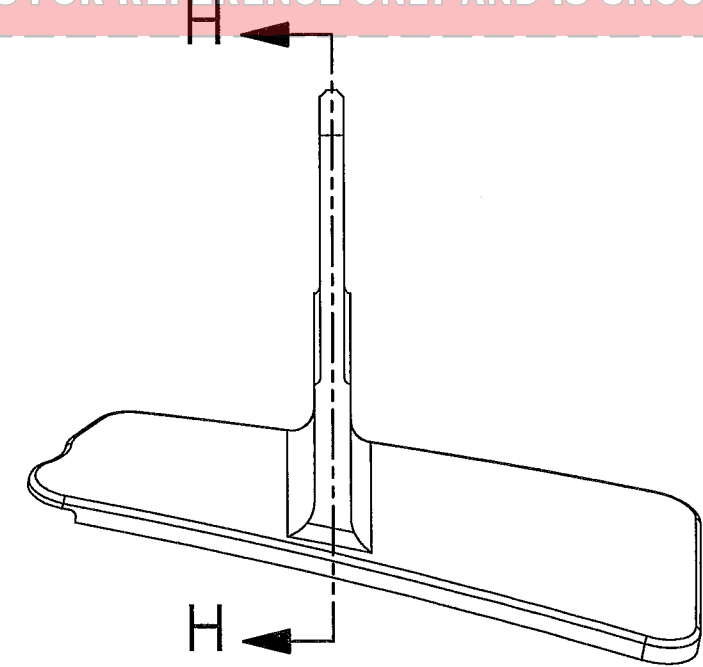
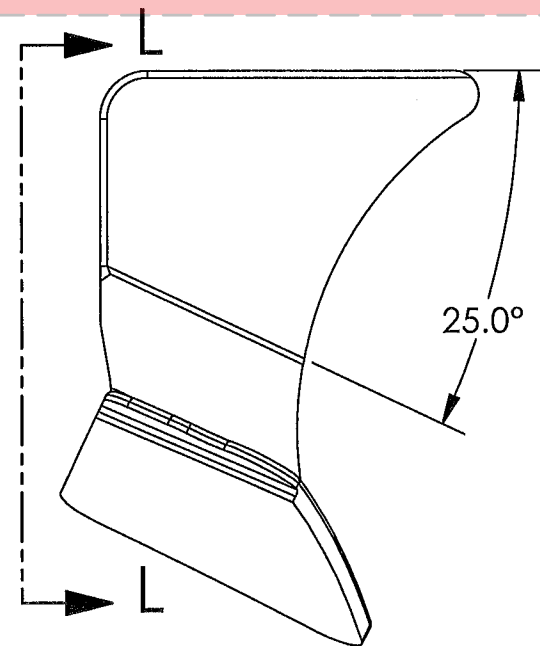
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|--|-----------|--------------------|---|-----------|
| ORIGINAL DATE (MO-DA-YR) | DRAWN BY | CHECKER | 3030 ENTERPRISE CT., SUITE A VISTA, CA. 92081 (760)-724-5300 | |
| DRAWING APPROVAL | | | DART AEROSPACE APICAL INDUSTRIES, INC. dba DART AEROSPACE | |
| CONTRACT No. | | | WIPER DEFLECTOR | |
| UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.01 3 PLACE DECIMALS ±.005 ANGLES ± .5° | SIZE B | CAGE CODE 07MZ6 | DWG. NO. 647.9600 | REV. A |
| SCALE NONE | | | SHEET 2 OF 5 | |

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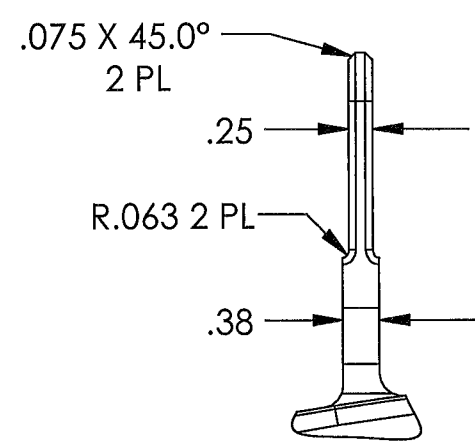
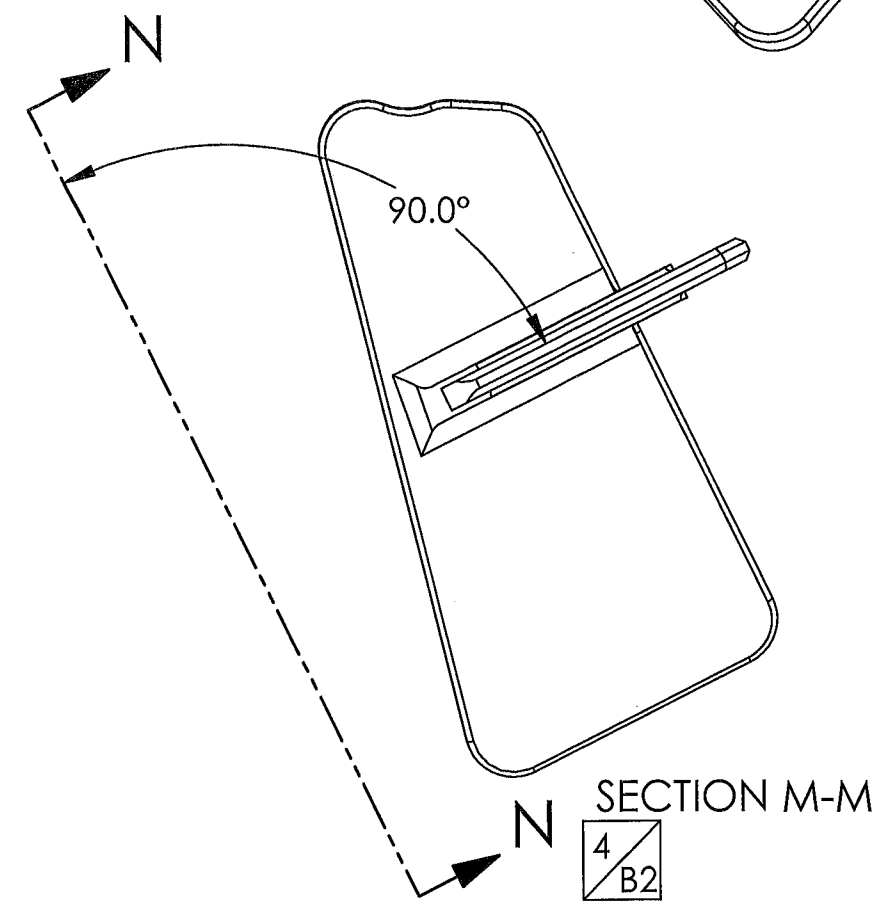
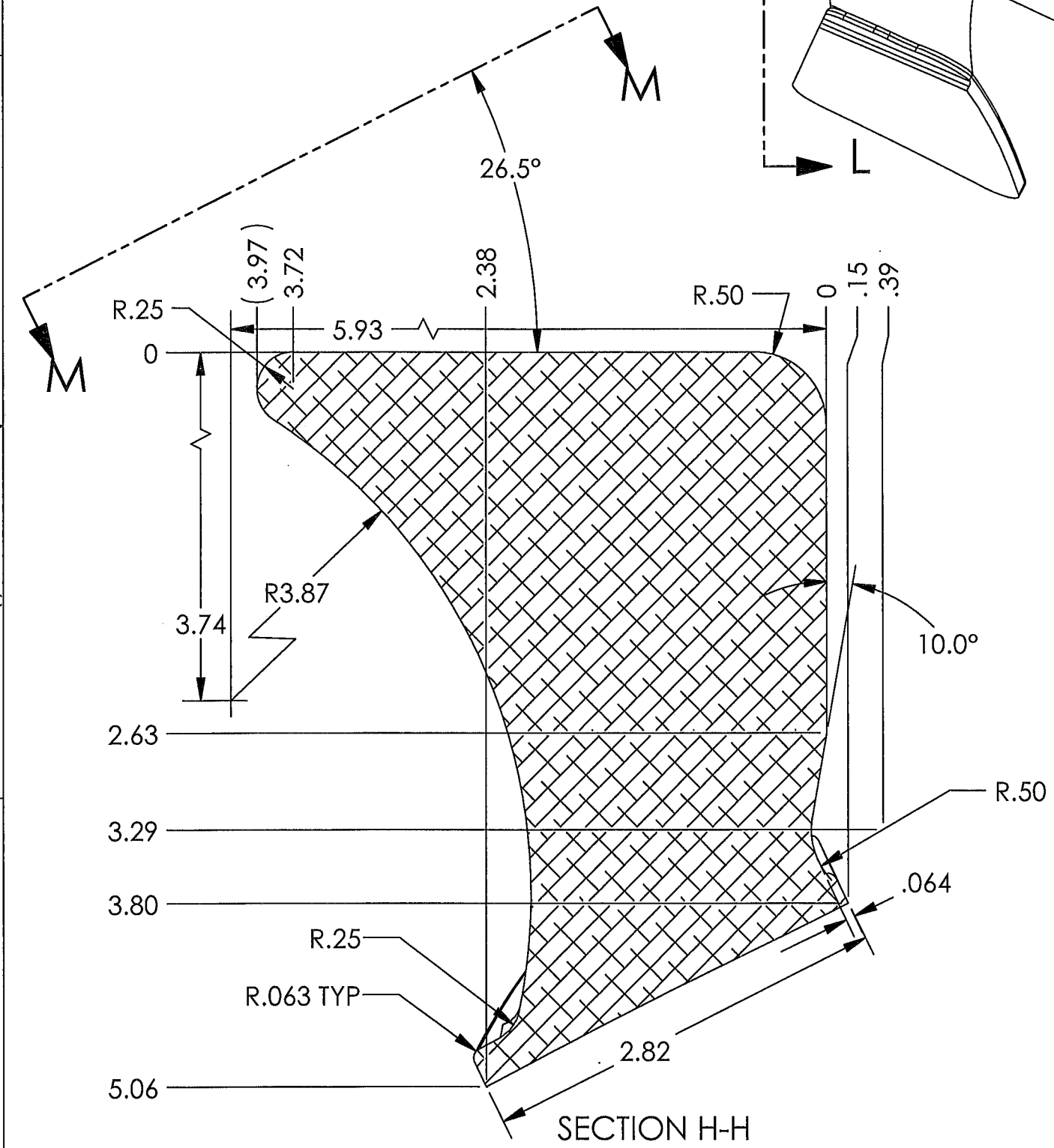
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A
B
C
D

1 2 3 4 5 6 7 8



647.9611 SHOWN
647.9613 OPPOSITE



SECTION L-L

SECTION M-M
4/B2


| | | | | | |
|---|----------|---------|---|--------------------|----------------------|
| ORIGINAL DATE (MO-DA-YR) | DRAWN BY | CHECKER | 3030 ENTERPRISE CT., SUITE A VISTA, CA. 92081 (760)-724-5300 | | |
| DRAWING APPROVAL | | | APICAL INDUSTRIES, INC. dba DART AEROSPACE | | |
| CONTRACT No. | | | WIPER DEFLECTOR | | |
| UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.03 3 PLACE DECIMALS ±.010 ANGLES ±.5° | | | SIZE B | CAGE CODE 07MZ6 | DWG. NO. 647.9600 |
| SCALE NONE | | | REV. A | | |
| SHEET 3 OF 5 | | | | | |



DETAIL P

SECTION Q-Q

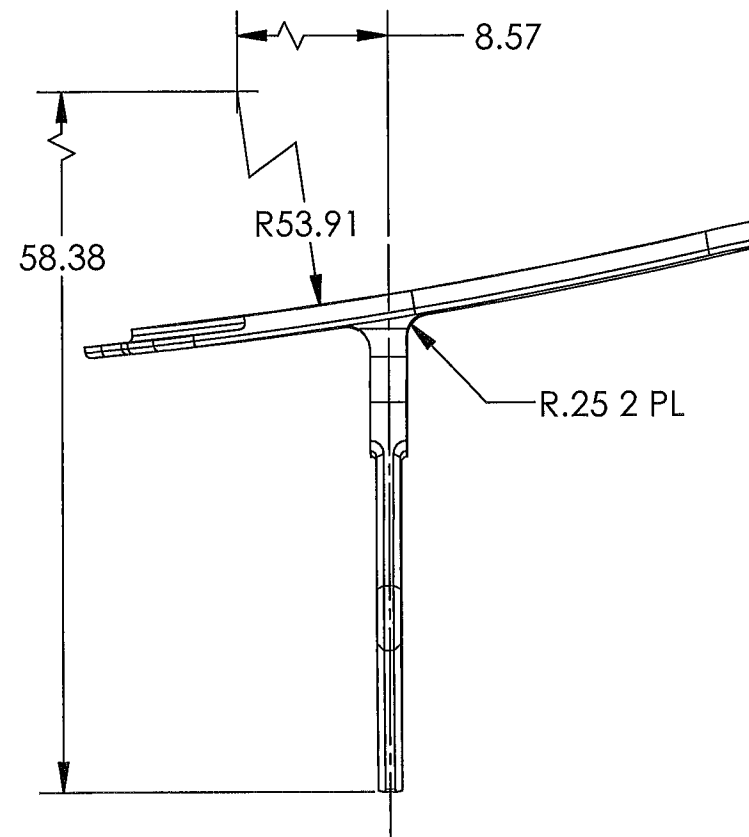
SECTION O-O

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|--|---------|--|---|----------|--------|
| ORIGINAL DATE (MO-DA-YR) | |  DART AEROSPACE APICAL INDUSTRIES, INC. dba DART AEROSPACE | 3030 ENTERPRISE CT., SUITE A VISTA, CA. 92081 (760)-724-5300 | | |
| DRAWN BY | CHECKER | | | | |
| DRAWING APPROVAL | | | | | |
| CONTRACT No. | | | | | |
| UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.03 3 PLACE DECIMALS ±.010 ANGLES ± .5° | | WIPER DEFLECTOR | | | |
| | | SIZE | CAGE CODE | DWG. NO. | REV. A |
| | | B | 07MZ6 | 647.9600 | |
| | | SCALE NONE | | SHEET | 4 OF 5 |

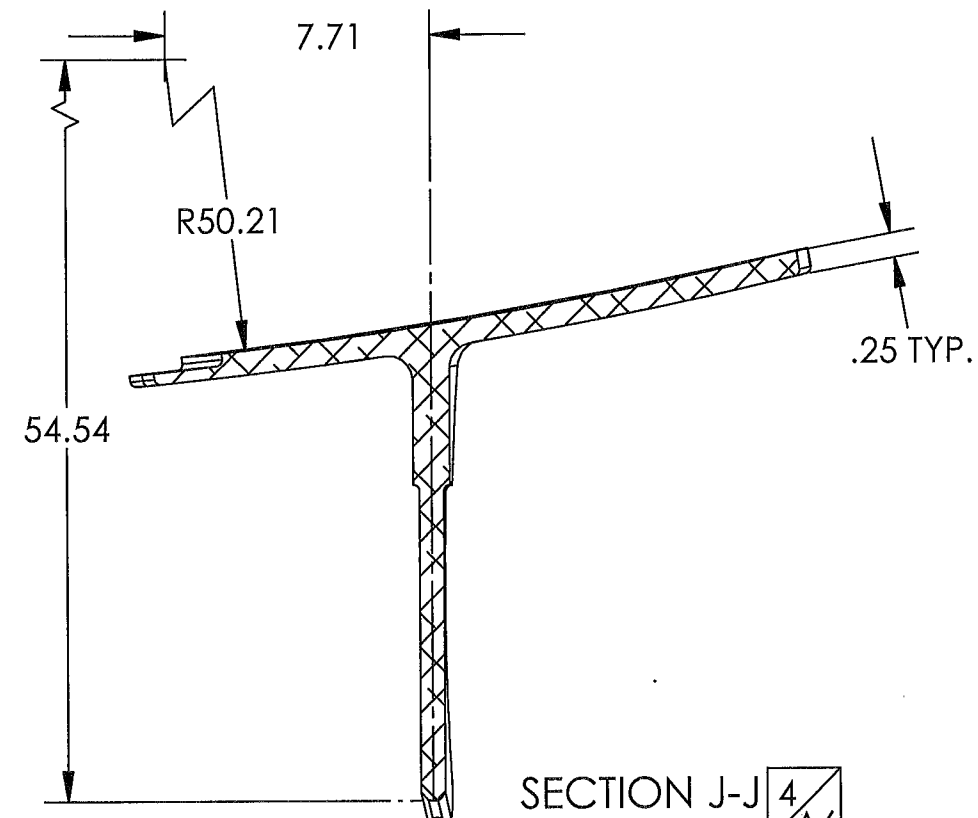
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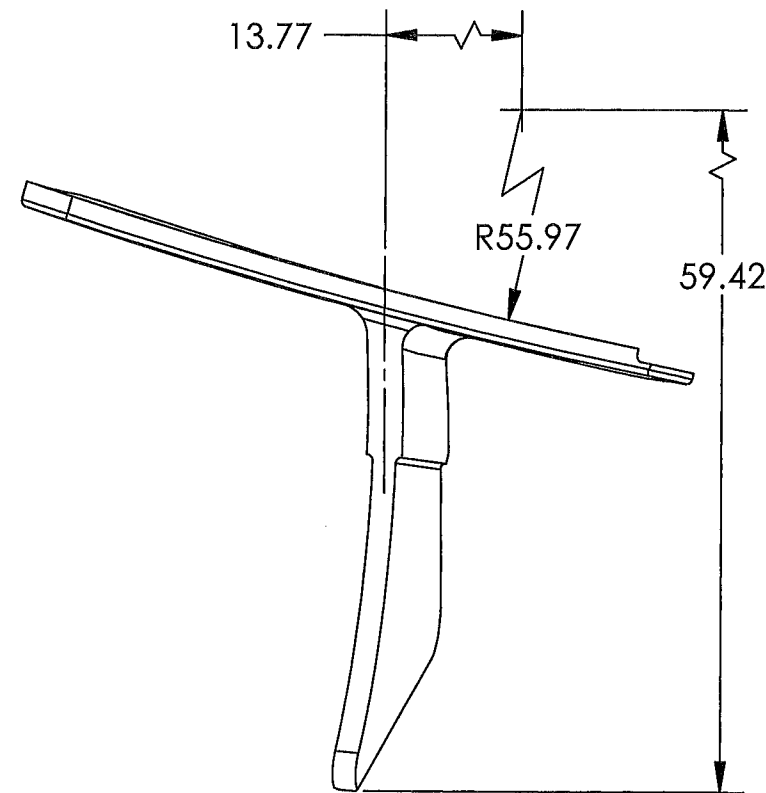
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SECTION I-I 4/B7




SECTION J-J 4/A6



SECTION K-K 4/B5

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|--|---------------------|--|--------------------|---|--------------|
| ORIGINAL DATE (MO-DA-YR) 06-22-10 | |  DART AEROSPACE | | 3030 ENTERPRISE CT., SUITE A VISTA, CA. 92081 (760)-724-5300 | |
| DRAWN BY J. JACKSON | CHECKER P. BRAVO | | | | |
| DRAWING APPROVAL P. BRAVO 06-22-10 | | APICAL INDUSTRIES, INC. dba DART AEROSPACE | | | |
| CONTRACT No. | | WIPER DEFLECTOR | | | |
| UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.01 3 PLACE DECIMALS ±.005 ANGLES ± .5° | | | | | |
| | | SIZE B | CAGE CODE 07MZ6 | DWG. NO. 647.9600 | REV. A |
| | | SCALE NONE | | | SHEET 5 OF 5 |

| | | | | | | | |
|--|---|--|----------------------|--|--------------------------------|------------------------|--------------------|
|  DART AEROSPACE APICAL INDUSTRIES, INC. dba DART AEROSPACE | ENGINEERING CHANGE NOTICE NO. 06312 | | | | SHEET 1 OF 1 | | |
| | DWG NO. 647.9600 | | REV: N/C to A | | PREPARED BY S. BEAULIEU | DATE: 07-15-19 | ECR: 19-145 |
| | DWG TITLE: WIPER DEFLECTOR | | | | | | |
| | APPROVED BY: ENGR <i>[Signature]</i> | | | | CASE NUMBER: 9717 | EFF: NEXT ORDER | |
| TRANSACTION CODES (TC): A-ADD C-CREATE R-REVISE D-DELETE | | REASON: FIX TYPO IN NOTES AND BOM | | | | | |

SHEET 1, ZONE A1 WAS:

REASON CODE: **T**
ACTION LIST:
1. UPDATE TEMPLATE

NOTES:

- 1 MATERIAL: ALUMINUM 7075-T651 PER AMS-QQ-A-250/12.
- 2 FINISH: ANODIZE PER MIL STD-A-8625, TYPE III, CLASS 2, COLOR BLACK;
PRETREAT PRC-DESOTO PR-148 ADHESION PROMOTER ;
PRIME IAW MIL-P-23377J TYPE I CLASS N.
- 3 PART DIMENSIONS CONTROLLED BY CAD MODEL
FILE NAME: 647.9610 NC LH FWD WIPER DEFLECTOR.SLDPRPT, LAST MODIFIED 06/30/10.
- 4 PART DIMENSIONS CONTROLLED BY CAD MODEL
FILE NAME: 647.9611 NC LH AFT WIPER DEFLECTOR.SLDPRPT, LAST MODIFIED 06/30/10.
- 5 PART DIMENSIONS CONTROLLED BY CAD MODEL
FILE NAME: 647.9612 NC RH FWD WIPER DEFLECTOR.SLDPRPT, LAST MODIFIED 06/30/10.
- 6 PART DIMENSIONS CONTROLLED BY CAD MODEL
FILE NAME: 647.9613 NC RH AFT WIPER DEFLECTOR.SLDPRPT, LAST MODIFIED 06/30/10.
- 7. DEBURR AND BREAK ALL SHARP EDGES.
- 8. IDENTIFY IAW MPP-120. LASER ETCH P/N REVISION, 12 PT. CENTURY GOTHIC.

WAS

| | | | | | | |
|---|----|-------------|-----|--|---|---------------|
| | R | 647.9613 | | *RH AFT WIPER DEFLECTOR | 1 | 2 6 |
| | R | 647.9611 | | *LH AFT WIPER DEFLECTOR | 1 | 2 4 |
| *1 | R | 647.9610 | *1 | LH FWD WIPER DEFLECTOR | * | * |
| F/N | TC | PART NUMBER | QTY | DESCRIPTION | MATERIAL | SPECIFICATION |
| DOCUMENTS EFFECTED: | | | | CHANGE CATEGORY | DER REVIEW REQUIRED | |
| <input type="checkbox"/> PATTERN <input type="checkbox"/> MDL <input type="checkbox"/> INSTALL INSTRUC <input type="checkbox"/> ICA <input checked="" type="checkbox"/> BOM | | | | <input type="checkbox"/> MAJOR <input checked="" type="checkbox"/> MINOR | <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO | |